

Ser. No. 10/767,759
Amdt. Dated August 4, 2005
Reply to Office action of April 4th, 2005

PF030012

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of the Claims

1 (currently amended) – A broadband antenna with omnidirectional radiation comprising, perpendicular to an earth plane, a first circular or semicircular monopole, and at least a second circular or semicircular monopole, the first and second monopoles being nested with respect to one another in such a way as to have a common diameter, wherein said monopoles are nested in such a way that the angles between two monopoles are different from 90°.

2 (currently amended) [Antenna according to Claim 1, wherein it comprises] A broadband antenna with omnidirectional radiation comprising, perpendicular to an earth plane, N semi-circular monopoles, the N semi-circular monopoles being nested with respect to one another in such a way as to exhibit a common diameter.

3 – (cancelled)

4 – (currently amended) The antenna [s] according to claim 2, wherein the N semi-circular monopoles make equal angles between themselves.

5 – (currently amended) The antenna [s] according to Claim 4, wherein the value of the angle between two [half] semi-circular monopoles is equal to $180^\circ/N$ where N is the number of monopoles.

6 – (cancelled)

7 – (currently amended) The antenna [s] according to Claim 2, wherein the N semi-circular monopoles are nested in such a way that the angles between [two half discs] the monopoles are unequal.

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8 – (currently amended) The antenna [s] according to claim 1, [wherein it]
further [comprises] comprising a reflector plane.

9 – (currently amended) The antenna [s] according to claim 2, [wherein it]
further [comprises] comprising a reflector plane.